

NDN Antibody (monoclonal) (M07)**Mouse monoclonal antibody raised against a partial recombinant NDN.****Catalog # AT2989a****Specification**

NDN Antibody (monoclonal) (M07) - Product Information

Application	WB
Primary Accession	Q99608
Other Accession	NM_002487
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	36086

NDN Antibody (monoclonal) (M07) - Additional Information**Gene ID** 4692**Other Names**

Necdin, NDN

Target/Specificity

NDN (NP_002478, 222 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

NDN Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

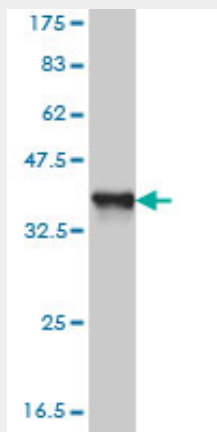
NDN Antibody (monoclonal) (M07) - Protocols

Provided below are standard protocols that you may find useful for product applications.

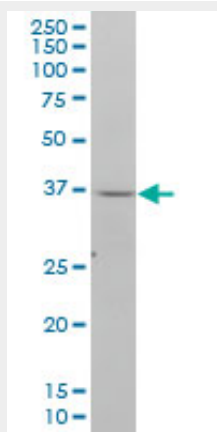
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDN Antibody (monoclonal) (M07) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .



NDN monoclonal antibody (M07), clone 2D11 Western Blot analysis of NDN expression in U-2 OS (Cat # AT2989a)

NDN Antibody (monoclonal) (M07) - Background

This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gene and is expressed exclusively from the paternal allele. Studies in mouse suggest that the protein encoded by this gene may suppress growth in postmitotic neurons.

NDN Antibody (monoclonal) (M07) - References

Necdin: a multi functional protein with potential tumor suppressor role? Chapman EJ, et al. Mol Carcinog, 2009 Nov. PMID 19626646. [Regulation of neuronal development by the imprinted gene Necdin] Yoshikawa K. No To Hattatsu, 2009 May. PMID 19517793. Nogo-A inhibits necdin-accelerated neurite outgrowth by retaining necdin in the cytoplasm. Liu X, et al. Mol Cell Neurosci, 2009 May. PMID 19386232. A common variant in DRD3 receptor is associated with autism spectrum disorder. de Krom M, et al. Biol Psychiatry, 2009 Apr 1. PMID 19058789. Multiple genetic variants along candidate pathways influence plasma high-density lipoprotein cholesterol

concentrations. Lu Y, et al. J Lipid Res, 2008 Dec. PMID 18660489.